

**17** DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES

**General** - The materials, parts, and supplies listed below are those commonly consumed in the manufacture, processing, or assembly of the products listed in **2**. Please review the entire list and report separately each item consumed. Leave blank if you do not consume the item. If you use materials, parts, and supplies that are not listed, describe and report them in the "Cost of all other materials . . ." at the end of this section. If you consumed less than \$25,000 of a listed material, include the value with "Cost of all other materials . . ." Census material code 009700 99.

Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.

If quantities are requested, please use the unit of measure specified.

If the information as requested cannot be taken directly from your book records, REASONABLE ESTIMATES ARE ACCEPTABLE.

**Valuation of Materials Consumed** - The value of the materials, etc., consumed should be based on the delivered cost; i.e., the amount paid or payable after discounts and including freight and other direct charges incurred in acquiring the materials.

Materials received from other plants within your company should be reported at their full economic value (the value assigned by the shipping plant, plus the cost of freight and other handling charges).

If purchases or transfers do not differ significantly from the amounts actually put into production, you may report the cost of purchases or transfers. However, if consumption differs significantly from the amounts purchased or transferred, these amounts should be adjusted for changes in the materials and supplies inventories by adding the beginning inventory to the amount purchased or transferred and subtracting ending inventory.

**Contract Work** - Include as materials consumed those you purchased for use by others making products for you under contract. Amounts paid to the companies doing the contract work should be reported in **16**, line A5, and should include freight in and out. On the other hand, materials owned by others but used at this establishment in making products for others under contract or on commission should be excluded.

**Resales** - Cost for products bought and sold or transferred from other establishments of your company and sold without further manufacture, processing, or assembly should be reported in **16**, line A2, not in **17**. The value of these products shipped by this establishment should be reported in **2** under Census product code 999890 0000, "Resales."

Line No.	Materials, parts, and supplies	Census material code	Consumption of purchased materials and of materials received from other establishments of your company		
			Cost, including delivery cost (freight-in)		
			\$ Bil.	Mil.	Thou.
0634		0630	0631		
<b>1</b>	Engines (diesel, semidiesel, gasoline, carburetor-type, and other internal combustion engines) and parts . . . . .	330000 19			
<b>2</b>	Primary metal shapes and forms, including castings . . . . .	331000 27			
<b>3</b>	Electric motors and generators . . . . .	335312 01			
<b>4</b>	Electrical transmission, distribution, and control equipment . . . . .	330000 63			
<b>5</b>	Semiconductors (including transistors, diodes, rectifiers, and integrated circuits), for electronic circuitry . . . . .	334413 00			
<b>6</b>	Antifriction bearing components and parts (balls, rollers, cages, collars, races, etc.) . . . . .	332991 09			
<b>7</b>	Chemical, all types (including resins) . . . . .	325000 06			
<b>8</b>	Fabricated metal products (including forgings) . . . . .	332000 05			
<b>9</b>	Steel shapes and forms (excluding castings, forgings, and fabricated metal products) . . . . .	331200 01			
<b>10</b>	Nonferrous refinery shapes (excluding castings, forgings, and fabricated metal products) . . . . .	331400 03			
<b>11</b>	Magnet wire . . . . .	331000 97			
<b>12</b>	Ceramic magnets (ferrite) . . . . .	327113 03			

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If not shown, please enter your 11-digit Census File Number (CFN) from the mailing address.

**17** DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES - Continued

Line No.	Materials, parts, and supplies	Census material code	Consumption of purchased materials and of materials received from other establishments of your company		
			Cost, including delivery cost (freight-in)		
			\$ Bil.	Mil.	Thou.
0634		0630	0631		
<b>13</b>	Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes . . . . .	326100 13			
<b>14</b>	Electrical industrial capacitors, resistors, rheostats, and coil windings . . . . .	335000 07			
<b>15</b>	Cost of all other materials and components, parts, containers, and supplies consumed ( <i>Specify the principal materials, etc., included in this value.</i> ) ↗	009700 99			
<b>16</b>	<b>TOTAL</b> ( <i>Should equal total reported in 16, line A1</i> ) . . . . .	771000 00			

**18** Not Applicable.

**19** TYPE OF OPERATION

(Mark "X" the "Yes" box for each operation performed. Mark the "No" box for all others.)

**Operations performed in this establishment during 2007**

**Rewinding armatures or repairing electric motors owned by others on a custom basis in a repair shop**

- 0620 727  Yes (Report the value of work done in 22, line 8.)
- 728  No

**Rebuilding, remanufacturing, or rewinding armatures on a factory basis**

- 729  Yes (Report the value of shipments for this activity in 22, line 9.)
- 730  No

**Rebuilding or remanufacturing complete electric motors on a factory basis**

- 731  Yes (Report the value of shipments for this activity in the appropriate product code in 22, lines 1-6.)  
(Rebuilt or remanufactured complete electric motors must have been dismantled and reconstructed, as necessary; all parts cleaned and made free from rust and corrosion; damaged, defective, worn, and missing parts restored or replaced; and other operations performed necessary to put the product in sound working condition.)
- 732  No

**20 and 21** Not Applicable.

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**22** DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE

**General** - The manufactured products and services listed below are generally made in your industry. If you make products that are not listed, describe and report them in the "All other products made in this establishment" section at the end of **22**. PLEASE DO NOT COMBINE PRODUCT LINES.

If quantities are requested, please use the unit of measure specified.

If the information as requested cannot be taken directly from your book records, REASONABLE ESTIMATES ARE ACCEPTABLE.

**Valuation of Products** - Report the value of the products shipped and services performed at the net selling value, f.o.b. plant to the customer; i.e., after discounts and allowances, and exclusive of freight charges and excise taxes.

If you transfer products to other establishments within your company, you should assign the full economic value to the transferred products; i.e., include all direct costs of production and a reasonable proportion of all other costs and profits.

**Contract Work** - Report PRODUCTS MADE BY OTHERS FOR YOU FROM YOUR MATERIALS on the specific lines as if they were made in this establishment. On the other hand, do not report on the specific product lines PRODUCTS THAT YOU MADE FROM MATERIALS OWNED BY OTHERS. Report only the amount that you received for "commission or contract receipts" under Census code 930000 0000.

**Resales** - Do not report on the specific product lines those PRODUCTS BOUGHT AND SOLD OR TRANSFERRED FROM OTHER ESTABLISHMENTS OF YOUR COMPANY AND SOLD WITHOUT FURTHER MANUFACTURE. Report only a value under Census code 999890 0000, "Resales."

**Detailed Data Reported Elsewhere** - Items denoted by an asterisk (\*) require totals for groups of products covered in the more frequent Current Industrial Reports (CIR). If you report on the CIR forms, the sum of the detailed CIR products should equal the total reported on this census form.

Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CIR)	Census product code	Products shipped and other receipts		
			Value, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
0734		0730	0731		
<b>1</b>	Motors and generators Fractional horsepower motors (rated at less than 746 watts) (excluding hermetics) . . . . .	335312 1100			
<b>2</b>	Integral horsepower motors and generators other than for land transportation equipment (rated at 746 watts or more) (excluding hermetics) . . . . .	335312 3100			
<b>3</b>	Land transportation motors, generators, and control equipment (excluding parts) . . . . .	335312 5100			
<b>4</b>	Prime mover generator sets (excluding steam or hydraulic turbine) . . .	335312 7100			
<b>5</b>	Motor generator sets and other rotating equipment (including hermetics) Fractional . . . . .	335312 9100			
<b>6</b>	Integral . . . . .	335312 A100			
<b>7</b>	Parts and supplies for motors, generators, generator sets, and other rotating equipment (excluding motors for built-in jobs) ( <i>Report motors for built-in jobs in appropriate classification above.</i> ) . . . . .	335312 C100			
<b>8</b>	Custom repair shop rewinding of armatures or repairing electric motors . .	976941 0000			
<b>9</b>	Rewinding armatures on a factory basis . . . . .	335312 E100			
<b>10</b>	Turbines, turbine generators, turbine generator sets, and parts ( <i>Specify kind.</i> ) ↴	333611 0YWW			
<b>11</b>	Gasoline and gas-gasoline engines (excluding aircraft, automobile, highway truck, bus, tank, and outboard marine) . . . . .	333618 1100			
<b>12</b>	Diesel, semidiesel, and dual-fuel engines (excluding automobile, highway truck, bus, and tank) . . . . .	333618 3100			

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If not shown, please enter your 11-digit Census File Number (CFN) from the mailing address.

22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued

Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CIR)	Census product code	Products shipped and other receipts		
			Value, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
0734		0730	0731		
13	Multistage blowers . . . . .	333412 0329			
14	Commercial, institutional, and industrial general-purpose transformers, all voltages . . . . .	335311 7100			
15	Power regulators, boosters, and other transformers, and parts for all transformers Transmission and distribution voltage regulators, boosters, and other special-purpose transformers . . . . .	335311 9101			
16	Parts, including renewal and repair parts, subassemblies, and accessories for all transformers . . . . .	335311 9104			
17	Low voltage panelboards and distribution boards and other switching and interrupting devices, 1000 volts or less (Report higher voltages on line 18.) (Corresponds to value of shipments reported on CIR Form MA334C, Control Instruments, for 2007.)* . . . . .	335313 3100			
18	Switchgear (excluding ducts and relays) (Corresponds to value of shipments reported on CIR Form MA334C, Control Instruments, for 2007.)* . . . . .	335313 A100			
19	Relays and industrial controls Relays for electronic circuitry, industrial control overload, and switchgear type (Corresponds to value of shipments reported on CIR Form MA334C, Control Instruments, for 2007.)* . . . . .	335314 1100			
20	Specific-purpose industrial controls (Corresponds to value of shipments reported on CIR Form MA334C, Control Instruments, for 2007.)* . . . . .	335314 3100			
21	General-purpose industrial controls (Corresponds to value of shipments on CIR MA334C, Control Instruments, 2007)* . . . . .	335314 6100			
22	Other electrical equipment for industrial use, including industrial use surge suppressors (excluding electronic circuitry) (Specify kind.) ↘  	335999 6100			
23	Parts for industrial controls and motor-control accessories (Corresponds to value of shipments on CIR MA334C, Control Instruments, 2007)* . . . . .	335314 7100			
24	Cranking motors (Starters) Automotive and other new starting (engine cranking) motors . . . . .	336322 5103			
25	Rebuilt, all types . . . . .	336322 5201			
26	Aeronautical, nautical, and navigational instruments, excluding aircraft engine instruments (Corresponds to value of shipments reported on CIR Form MA334D, Defense, Navigational, and Aerospace Electronics, for 2007.)* . . . . .	334511 1100			
27	Process control instruments (Corresponds to value of shipments reported on CIR Form MA334C, Control Instruments, for 2007.)* . . . . .	334513 0100			
	All other products made in this establishment - Specify and report each product with sales value of \$50,000 or more that cannot be assigned to one of the "listed products and services". For all remaining products, write "Other" and report a single total value.				

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**22** DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued

Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CIR)	Census product code	Products shipped and other receipts		
			Value, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
0734		0730	0731		
<b>28</b>		18			
<b>29</b>		26			
<b>30</b>		34			
<b>31</b>		42			
<b>32</b>		59			
<b>33</b>		67			
<b>34</b>	Contract work - Receipts for work done for others on their materials ( <i>Specify products worked on and kind of work.</i> ) ↴	930000 0000			
<b>35</b>	Resales - Sales of products bought and sold without further manufacture, processing, or assembly ( <i>The cost of such items should be reported in 16, line A2.</i> ) . . . . .	999890 0000			
<b>36</b>	Other miscellaneous receipts (including receipts for repair work, etc.) . . . . .	999809 8000			
<b>37</b>	<b>TOTAL</b> ( <i>Should equal total reported in 5</i> ) . . . . .	770000 0000			

**23-25** Not Applicable.

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**26 SPECIAL INQUIRIES**

**OTHER ESTABLISHMENT ACTIVITIES**

**1.** Did this establishment design, engineer, or formulate the manufactured products that it sold, produced, or shipped?

0318  Yes

0319  No

**2.** Which of the following best describes this establishment's primary activity? (Mark "X" only ONE box.)

0362  Providing contract manufacturing services for others

0363  Transforming raw materials or components into new products that this establishment owns or controls

0364  Reselling goods manufactured by others (with or without minor final assembly)

0365  Other - Specify ↴

0366

**3.** Did this establishment purchase contract manufacturing services from other companies or other establishments of your company to process materials or components that this establishment owns or controls?

0496  Yes, primarily with establishments WITHIN the 50 States and the District of Columbia

0497  Yes, primarily with establishments OUTSIDE of the 50 States and the District of Columbia

0498  No

**27-29** Not Applicable.

REMARKS (Please use this space for any explanations that may be essential in understanding your reported data.)

**30 CERTIFICATION** - This report is substantially accurate and was prepared in accordance with the instructions.

Is the time period covered by this report a calendar year?

Yes

No - Enter time period covered →

FROM	Month	Year	TO	Month	Year

Name of person to contact regarding this report	Title

Telephone	Area code	Number		Extension	Fax	Area code	Number	
			-					-

Internet e-mail address	Date completed	Month	Day	Year

**Thank you for completing your 2007 ECONOMIC CENSUS form.**

**PLEASE PHOTOCOPY THIS FORM FOR YOUR RECORDS AND RETURN THE ORIGINAL.**

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